

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/782,816

DATE: 07/06/2001

TIME: 18:28:09

Input Set : A:\Pto.amc

Output Set: N:\CRF3\07062001\I782816.raw

4 <110> APPLICANT: Sharp, David J.  
5 Rogers, Gregory C.  
6 Scholey, Jonathon M.  
8 <120> TITLE OF INVENTION: PEPTIDE INHIBITORS OF CELLULAR  
9 PROLIFERATION  
11 <130> FILE REFERENCE: UC069.001A  
13 <140> CURRENT APPLICATION NUMBER: 09/782,816  
14 <141> CURRENT FILING DATE: 2001-02-14  
16 <160> NUMBER OF SEQ ID NOS: 56  
18 <170> SOFTWARE: FastSEQ for Windows Version 4.0  
20 <210> SEQ ID NO: 1  
21 <211> LENGTH: 23  
22 <212> TYPE: PRT  
23 <213> ORGANISM: Unknown  
25 <220> FEATURE:  
26 <221> NAME/KEY: UNSURE  
27 <222> LOCATION: 22  
28 <223> OTHER INFORMATION: Xaa = Val or Leu  
30 <223> OTHER INFORMATION: Peptide sequence  
32 <400> SEQUENCE: 1  
33 Glu Val Glu Lys Ile Lys Thr Thr Val Lys Glu Ser Ala Thr Glu Glu  
34 1 5 10 15  
W--> 35 Lys Leu Thr Pro Val Xaa Leu  
36 20  
39 <210> SEQ ID NO: 2  
40 <211> LENGTH: 22  
41 <212> TYPE: PRT  
42 <213> ORGANISM: Unknown  
44 <220> FEATURE:  
45 <223> OTHER INFORMATION: Peptide sequence  
47 <400> SEQUENCE: 2  
48 Glu Val Ala Ala Leu Gln Val Asp Arg Lys Val Ala Asp Glu Glu Lys  
49 1 5 10 15  
50 Gln Ser Tyr Asp Ala Val  
51 20  
54 <210> SEQ ID NO: 3  
55 <211> LENGTH: 22  
56 <212> TYPE: PRT  
57 <213> ORGANISM: Unknown  
59 <220> FEATURE:  
61 <223> OTHER INFORMATION: Peptide sequence  
63 <400> SEQUENCE: 3  
64 Gly Val Lys Glu Thr Pro Gln Gln Lys Tyr Gln Arg Leu Leu His Glu  
65 1 5 10 15  
66 Val Gln Glu Leu Thr Thr  
67 20  
70 <210> SEQ ID NO: 4

*insufficient exploration - give  
source of  
genetic  
material  
(see item 11  
on Erad  
summary  
sheet)*

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71 <211> LENGTH: 21  
72 <212> TYPE: PRT  
73 <213> ORGANISM: Unknown  
75 <220> FEATURE:  
76 <223> OTHER INFORMATION: Peptide sequence  
78 <400> SEQUENCE: 4  
79 Val Lys Glu Thr Pro Gln Gln Lys Tyr Gln Arg Leu Leu His Glu Val  
80 1 5 10 15  
81 Gln Glu Leu Thr Thr  
82 20  
85 <210> SEQ ID NO: 5  
86 <211> LENGTH: 20  
87 <212> TYPE: PRT  
88 <213> ORGANISM: Unknown  
90 <220> FEATURE:  
91 <223> OTHER INFORMATION: Peptide sequence  
93 <400> SEQUENCE: 5  
94 Lys Glu Thr Pro Gln Gln Lys Tyr Gln Arg Leu Leu His Glu Val Gln  
95 1 5 10 15  
96 Glu Leu Thr Thr  
97 20  
100 <210> SEQ ID NO: 6  
101 <211> LENGTH: 19  
102 <212> TYPE: PRT  
103 <213> ORGANISM: Unknown  
105 <220> FEATURE:  
106 <223> OTHER INFORMATION: Peptide sequence  
108 <400> SEQUENCE: 6  
109 Glu Thr Pro Gln Gln Lys Tyr Gln Arg Leu Leu His Glu Val Gln Glu  
110 1 5 10 15  
111 Leu Thr Thr  
115 <210> SEQ ID NO: 7  
116 <211> LENGTH: 18  
117 <212> TYPE: PRT  
118 <213> ORGANISM: Unknown  
120 <220> FEATURE:  
121 <223> OTHER INFORMATION: Peptide sequence  
123 <400> SEQUENCE: 7  
124 Thr Pro Gln Gln Lys Tyr Gln Arg Leu Leu His Glu Val Gln Glu Leu  
125 1 5 10 15  
126 Thr Thr  
130 <210> SEQ ID NO: 8  
131 <211> LENGTH: 17  
132 <212> TYPE: PRT  
133 <213> ORGANISM: Unknown  
135 <220> FEATURE:  
136 <223> OTHER INFORMATION: Peptide sequence  
138 <400> SEQUENCE: 8  
139 Pro Gln Gln Lys Tyr Gln Arg Leu Leu His Glu Val Gln Glu Leu Thr

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140 1 5 10 15  
141 Thr  
145 <210> SEQ ID NO: 9  
146 <211> LENGTH: 16  
147 <212> TYPE: PRT  
148 <213> ORGANISM: Unknown  
150 <220> FEATURE:  
151 <223> OTHER INFORMATION: Peptide sequence  
153 <400> SEQUENCE: 9  
154 Gln Gln Lys Tyr Gln Arg Leu Leu His Glu Val Gln Glu Leu Thr Thr  
155 1 5 10 15  
158 <210> SEQ ID NO: 10  
159 <211> LENGTH: 15  
160 <212> TYPE: PRT  
161 <213> ORGANISM: Unknown  
163 <220> FEATURE:  
164 <223> OTHER INFORMATION: Peptide sequence  
166 <400> SEQUENCE: 10  
167 Gln Lys Tyr Gln Arg Leu Leu His Glu Val Gln Glu Leu Thr Thr  
168 1 5 10 15  
171 <210> SEQ ID NO: 11  
172 <211> LENGTH: 14  
173 <212> TYPE: PRT  
174 <213> ORGANISM: Unknown  
176 <220> FEATURE:  
177 <223> OTHER INFORMATION: Peptide sequence  
180 <400> SEQUENCE: 11  
181 Lys Tyr Gln Arg Leu Leu His Glu Val Gln Glu Leu Thr Thr  
182 1 5 10  
185 <210> SEQ ID NO: 12  
186 <211> LENGTH: 13  
187 <212> TYPE: PRT  
188 <213> ORGANISM: Unknown  
190 <220> FEATURE:  
191 <223> OTHER INFORMATION: Peptide sequence  
194 <400> SEQUENCE: 12  
195 Tyr Gln Arg Leu Leu His Glu Val Gln Glu Leu Thr Thr  
196 1 5 10  
199 <210> SEQ ID NO: 13  
200 <211> LENGTH: 12  
201 <212> TYPE: PRT  
202 <213> ORGANISM: Unknown  
204 <220> FEATURE:  
205 <223> OTHER INFORMATION: Peptide sequence  
207 <400> SEQUENCE: 13  
208 Gln Arg Leu Leu His Glu Val Gln Glu Leu Thr Thr  
209 1 5 10  
212 <210> SEQ ID NO: 14  
213 <211> LENGTH: 11

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214 <212> TYPE: PRT  
215 <213> ORGANISM: Unknown  
217 <220> FEATURE:  
218 <223> OTHER INFORMATION: Peptide sequence  
220 <400> SEQUENCE: 14  
221 Arg Leu Leu His Glu Val Gln Glu Leu Thr Thr  
222 1 5 10  
225 <210> SEQ ID NO: 15  
226 <211> LENGTH: 10  
227 <212> TYPE: PRT  
228 <213> ORGANISM: Unknown  
230 <220> FEATURE:  
231 <223> OTHER INFORMATION: Peptide sequence  
233 <400> SEQUENCE: 15  
234 Leu Leu His Glu Val Gln Glu Leu Thr Thr  
235 1 5 10  
238 <210> SEQ ID NO: 16  
239 <211> LENGTH: 9  
240 <212> TYPE: PRT  
241 <213> ORGANISM: Unknown  
243 <220> FEATURE:  
244 <223> OTHER INFORMATION: Peptide sequence  
246 <400> SEQUENCE: 16  
247 Leu His Glu Val Gln Glu Leu Thr Thr  
248 1 5  
251 <210> SEQ ID NO: 17  
252 <211> LENGTH: 8  
253 <212> TYPE: PRT  
254 <213> ORGANISM: Unknown  
256 <220> FEATURE:  
257 <223> OTHER INFORMATION: Peptide sequence  
259 <400> SEQUENCE: 17  
260 His Glu Val Gln Glu Leu Thr Thr  
261 1 5  
264 <210> SEQ ID NO: 18  
265 <211> LENGTH: 7  
266 <212> TYPE: PRT  
267 <213> ORGANISM: Unknown  
269 <220> FEATURE:  
270 <223> OTHER INFORMATION: Peptide sequence  
272 <400> SEQUENCE: 18  
273 Glu Val Gln Glu Leu Thr Thr  
274 1 5  
277 <210> SEQ ID NO: 19  
278 <211> LENGTH: 6  
279 <212> TYPE: PRT  
280 <213> ORGANISM: Unknown  
282 <220> FEATURE:  
283 <223> OTHER INFORMATION: Peptide sequence

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RAW SEQUENCE LISTING

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285 <400> SEQUENCE: 19  
286 Val Gln Glu Leu Thr Thr  
287 1 5  
290 <210> SEQ ID NO: 20  
291 <211> LENGTH: 5  
292 <212> TYPE: PRT  
293 <213> ORGANISM: Unknown  
295 <220> FEATURE:  
297 <223> OTHER INFORMATION: Peptide sequence  
299 <400> SEQUENCE: 20  
300 Gln Glu Leu Thr Thr  
301 1 5  
304 <210> SEQ ID NO: 21  
305 <211> LENGTH: 4  
306 <212> TYPE: PRT  
307 <213> ORGANISM: Unknown  
309 <220> FEATURE:  
311 <223> OTHER INFORMATION: Peptide sequence  
313 <400> SEQUENCE: 21  
314 Glu Leu Thr Thr  
315 1  
318 <210> SEQ ID NO: 22  
319 <211> LENGTH: 7  
320 <212> TYPE: PRT  
321 <213> ORGANISM: Unknown  
323 <220> FEATURE:  
325 <223> OTHER INFORMATION: Peptide sequence  
327 <400> SEQUENCE: 22  
328 Ala Lys Gln Leu Ala Ala Leu  
329 1 5  
332 <210> SEQ ID NO: 23  
333 <211> LENGTH: 6  
334 <212> TYPE: PRT  
335 <213> ORGANISM: Unknown  
337 <220> FEATURE:  
339 <223> OTHER INFORMATION: Peptide sequence  
341 <400> SEQUENCE: 23  
342 Ala Lys Gln Leu Ala Ala  
343 1 5  
346 <210> SEQ ID NO: 24  
347 <211> LENGTH: 5  
348 <212> TYPE: PRT  
349 <213> ORGANISM: Unknown  
351 <220> FEATURE:  
353 <223> OTHER INFORMATION: Peptide sequence  
355 <400> SEQUENCE: 24  
356 Ala Lys Gln Leu Ala  
357 1 5  
360 <210> SEQ ID NO: 25

The types of errors shown exist throughout the Sequence Listing. Please check subsequent sequences for similar errors.

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

file

FYI

7/6/01

**VERIFICATION SUMMARY**

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L:35 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1

L:753 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:51